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By: Rona L. Meleanek
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In re application of **Wallace T.Y. Tang**

Examiner: H. Pham

Art Unit: 2505

Assistant Commissioner for Patents
Washington, D.C. 20231

The undersigned, being sole owner of total interest of this application, hereby
revokes all powers of attorney previously granted in this application and hereby appoints

Joseph Bach	37,771	Robert W. Mulcahy	25,436
Sarah Brashears	37,087	Peter J. Sgarbossa	25,610
Lawrence Edelman	25,226	Donald Verplancken	33,217
Michael Einschlag	29,301	James C. Wilson	35,412
Raymond Kam-On Kwong	37,165	David J. Goren	34,609
Frederick H. Rabin	24,488	William J. Egan	28,411
William E. Booth	28,933	Eric L. Prahl	32,590

as attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the United States Patent and Trademark Office connected

therewith, and hereby request that all correspondence regarding this application be sent to:

Applied Materials, Incorporated
Attn: Patent Group
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Respectfully submitted,

Signature: 

Printed Name: Joseph J. Sweeney

Title: Group Vice President, Legal Affairs
& Intellectual Property

Date: Sept. 26, 2000

00009756-071001

CERTIFICATE UNDER 37 CFR 3.73(b)

Applicant: Wallace T.Y. Tang

Application No./Patent No.: 07/996,817

**For: IN-SITU REAL-TIME MONITORING TECHNIQUE AND APPARATUS FOR
ENDPOINT DETECTION OF THIN FILMS DURING CHEMICAL/MECHANICAL
POLISHING PLANARIZATION**

APPLIED MATERIALS, INC., a corporation,

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. [] An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

OR

B. [] A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

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[] Additional documents in the chain of title are listed on a supplemental sheet.

[X] Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.